



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Louise C. Sengupta

Art Unit: 1731

Appl. No.: 10/687,506

Examiner: Carolos N. Lopez

Filed: 10/16/2003

Atty Docket: JSF01-0068D1/WJT08-0044D1

For: **ELECTRONICALLY
TUNABLE, LOW-LOSS CERAMIC
MATERIALS INCLUDING A
TUNABLE DIELECTRIC PHASE AND
MULTIPLE METAL OXIDE PHASES**

AFFIDAVIT UNDER RULE 1.132

STATE OF MARYLAND)
) SS
COUNTY OF HOWARD)

Louise C. Sengupta, being duly sworn, does hereby depose and say as follows:

That she is currently the first named inventor on the present above captioned application as well as a named inventor of the cited art U.S. Patent Nos. 6,404,614, 6,737,179 and 6,154,895.

She further states that the inventorship of the present application and aforementioned patents is correct and that any invention disclosed but not claimed in the aforementioned cited references was derived by Affiant. In particular the claimed invention of the present application, if disclosed in the cited art, was derived by Ms. Sengupta.

Further deponent sayeth not.


Louise C. Sengupta



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JULY 17, 2001

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SENGUPTA, LOUISE C.

DOC DATE: 03/01/2001

ASSIGNOR:
ZHANG, XUBAI

DOC DATE: 03/01/2001

ASSIGNOR:
CHIU, LUNA H.

DOC DATE: 03/01/2001

ASSIGNEE:
PARATEK MICROWAVE, INC.
6935 OAKLAND MILLS ROAD, SUITE N
COLUMBIA, MARYLAND 21045

SERIAL NUMBER: 09768690
PATENT NUMBER:

FILING DATE: 01/24/2001
ISSUE DATE:

ASSIGNMENT

WHEREAS, WE, LOUISE C. SENGUPTA, residing at 12 New Haven Blvd., Warwick, Maryland 21912; XUBAI ZHANG, residing at 8751 Manahan Drive, Ellicott City, Maryland 21043; and, LUNA H. CHIU, residing at 3929 Bush Court, Abingdon, Maryland 21009; respectively, have invented certain improvements in: **ELECTRONICALLY TUNABLE, LOW-LOSS CERAMIC MATERIALS INCLUDING A TUNABLE DIELECTRIC PHASE AND MULTIPLE METAL OXIDE PHASES** for which we filed Application Serial No. 09/768,690 having a filing date of January 24, 2001; and

WHEREAS, PARATEK MICROWAVE, INC., a corporation organized and existing under the laws of the State of ^{Delaware} ~~Maryland~~; having its principal place of business at 6935 Oakland Mills Road, Suite N, Columbia, MD 21045, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.


The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said

inventions or improvements or any of them, and that we have the full right to make this assignment.

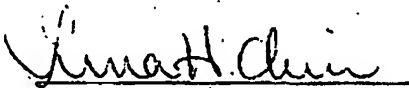
And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.


LOUISE C. SENGUPTA

3/1/01
Date


XUBAI ZHANG

3/1/01
Date


LUNA H. CHIU

3/1/01
Date

State of Maryland :

: ss.

County of Howard :

Before me, a Notary Public in and for the said County and State, personally appeared **LOUISE C. SENGUPTA, XUBAI ZHANG and LUNA H. CHIU** who acknowledged that they are the persons who executed the foregoing assignment and acknowledged it to be their free and voluntary act and deed.

Witness my hand and notarial seal this 1st day of March, 2001.

Deborah Cowling
Notary Public

(NOTARIAL SEAL)